

**GOVERNMENT OF INDIA  
ENVIRONMENT AND FORESTS  
LOK SABHA**

UNSTARRED QUESTION NO:792  
ANSWERED ON:25.02.2009  
GREEN HOUSE GAS EMISSION FROM CROPS  
Singh Shri Rakesh

**Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:**

- (a) whether the Government has taken any action to check the green house gas emission from crops and their residues; and
- (b) if so, the details thereof alongwith the outcome of the action taken so far?

**Answer**

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT & FORESTS(SHRI NAMO NARAIN MEENA)

(a) & (b) The Government of India has prepared the National Action Plan on Climate Change (NAPCC) under which 8 national missions are envisaged to address Climate Change issues in important areas like agriculture, energy and water resources. ICAR, along with Department of Agriculture and Cooperation has prepared the National Mission for Sustainable Agriculture which has the objective of making Indian agriculture more resilient to climate change. The Action Plan includes adaptation and mitigation strategies to counter the adverse effect of climate change. These include development of temperature tolerant varieties, conversion of C3 plants to C4 in rice, scientific water and nutrient management with special focus on rice paddies, promotion of resource conservation strategies, carbon sequestration by residue management, restoration of degraded soils, conservation agriculture and agroforestry, site specific nutrient management strategies and better utilization of weather forecasts in crop production.